CONTENTS

Number 1, July, 1960

Staphylococcal Pneumonitis in the Postoperative Patient. *Edward H. Morgan, M.D., Louis J. Lancaster, M.D., H. Rowland Pearsall, M.D., and G. Hugh Lawrence, M.D.* 1

Continued Observations on the Role of Steroid Therapy in Tuberculosis. *Annabel B. Miller, M.D.* 13

Air Transport of Patients with Respiratory Disease (Panel Discussion). *Burgess L. Gordon, M.D., Roger H. L. Wilson, M.D., Lt. Colonel Robert B. Stonehill, MC, and Clyde Morsey* 20

Clinical Experiences with Intravenous Colchicine in Inoperable Bronchogenic Carcinoma. *Samuel Cohen, M.D., and J. Randolph Johnson, M.D.* 30

Tuberculous Peritonitis: A Review of 34 Cases with Emphasis on the Diagnostic Aspects. *H. Joseph Hughes, M.D., David T. Carr, M.D., and Joseph E. Geraci, M.D.* 42

Reversion and Reconversion Rate of Tuberculin Skin Reactions in Correlation with the Use of Prednisone. *Somchai Bovornkitti, M.D., Prasert Kangsadal, M.D., Poonsri Sathirapat, M.D., and Pairojana Aonsombatti, M.D.* 51

Infrapulmonary Pleural Effusion. *Lt. Colonel Robert A. Flaherty, MC, and Lt. Colonel James M. Keegan, MC* 56

Current Concepts of Tuberculous Pleurisy with Effusion as Derived from Pleural Biopsy Studies. *William B. Abrams, M.D., and Maurice J. Small, M.D.* 60

Effect of Xanthin Derivatives: RO 1-8239, Aminophylline and Dihydroxy Theophylline on Chronic Pulmonary Disease. *Frank Barrera, M.D., Gabriel G. Regalado, M.D., and Luis Bezos, M.D.* 66

A Study of Gastric Secretions in Chronic Obstructive Pulmonary Emphysema. *Louis Zasly, M.D., George L. Baum, M.D., and John M. Rumball, M.D.* 69

SECTION ON CARDIOVASCULAR DISEASES

Group A Beta Hemolytic Streptococci and Rheumatic Fever in Miami, Florida: III. Bacteriologic Observations on Beta Hemolytic Streptococci Other Than Group A. *Murray M. Streitfeld, Ph.D. and Milton S. Saslaw, M.D.* 73

Congenital Aneurysms of the Aortic Sinuses with Cardioaortic Fistula. *Stephen A. Kieffer, M.D., and Paul Winchell, M.D.* 79

Summary of Current Therapy: Management of Acute Coronary Insufficiency. *George R. Herrmann, M.D.* 97

Electrocardiogram of the Month. *Manuel Gardberg, M.D., and Irving L. Rosen, M.D.* 101

X-ray Film of the Month. *Robert J. Wilder, M.D.* 103

Treatment of Cardiac Arrhythmias with Hydroxyzine. *James A. Salmons, M.D.* 105

Toxicity to Para-aminosalicylic Acid and Isoniazid. *Joseph Adriany, M.D.* 107

Chest Percussion—A Simple and Efficient Teaching Method. *Myron Notkin, M.D.* 109

Dr. M. Jay Flipse Takes Office as College President 112

Announcements 114

Number 2, August, 1960

An Attempt to Produce a Unilateral Smoking Dog Using the Contralateral Lung as Control. *Samuel W. Hunter, M.D., Dominic Bernardez, M.D., and* Sister Victorine Long, M.S. 117

New Dimensions in Chest Radiography. *Lewis E. Etter, M.D., and Lawrence C. Cross, R.T.* 124

Effects of Steroid Therapy on Pulmonary Tuberculosis. *Newton Bethlem, M.D., Olimpio Gomes, M.D., and Linandro Dias, M.D.* 131

Experimental Repair of Tracheal Defects with Gallbladder Mucosa. *John W. Bell, M.D.* 140

Effect of Pyrazinamide on Antimicrobially Active Serum Isoniazid. *David Levy, M.D., Sami Duysak, M.D., Bernard Zylberberg, M.D., Jaakko Haapanen, M.D., William F. Russell, Jr., M.D., and Gardner Middlebrook, M.D.* 148

Clinical Experience with Tests for Pulmonary Function: Review of 100 Consecutive Cases. *Matthew B. Divertie, M.D., Ward S. Fowler, M.D., and H. Frederic Helmholz, Jr., M.D.* 152

BCG Vaccination of Student Nurses: A Ten Year Experience. *Norman S. Blackman, M.D., John Shelley, M.D., and Elisabeth H. Hoyt, M.D.* 157

Bronchial Catheter Guide for Introduction of a Bronchial Catheter. *A. H. Saeed, M.B., B.S.* 162

A Scapular Attachment for the Finochietto Rib Spreader. *John L. Wilson, M.D.* 165

SECTION ON CARDIOVASCULAR DISEASES

Further Observations on Hydrochlorothiazide in the Treatment of Congestive Heart Failure. *Albert N. Brest, M.D., and William Likoff, M.D.* 167

Modification of Lung Compliance during Perfusion with Pump-oxygenator (Experimental). *G. N. Guastavino, M.D., J. A. Wikinski, M.D., R. H. Andres, M.D., C. A. Donadei, M.D., and J. E. Quinterno, M.D.* 170

Summary of Current Therapy: Current Concepts on the Management of Congestive Heart Failure. *Max H. Weil, M.D., and Herbert Shubin, M.D.* 179

Electrocardiogram of the Month: Value of Critical Slowing of Heart in Assessing Coexistence of Infarct with Bundle Branch Block, an Exercise in Electrocardiography. *Harold D. Levine, M.D.* 187

X-ray Film of the Month. *Helen M. Smith, M.D.* 190

CASE REPORT SECTION

Some Cardiac Problems Presented by a Thymoma. *Thomas N. James, M.D., Cyril Y. Bowers, M.D., and Alton Ochsner, M.D.* 193

Report of a Case of Proved Fulminating Hemophilus Influenzae Pneumonia in an Adult with Recovery. *James A. Kaufmann, M.D.* 199

Intralobar Bronchopulmonary Sequestration of the Lung. *Creighton A. Hardin, M.D.* 202

Eosinophilic Granuloma of the Lung. *James W. Quinn, M.D., and Philip C. Pratt, M.D.* 205

Unusual Coin Lesion in the Lung. *Oscar Serlin, M.D., and Siegbert Bornstein, M.D.* 211

Simultaneous Tuberculosis and Coccidioidomycosis in an Asymptomatic Patient. *Milton V. Davis, M.D., Ben F. Mitchel, M.D., and Maurice Adam, M.D.* 214

The So-Called Leukemic Lung. *Alfons Miedzianowski, M.D.* 217

Case of Aspergillosis Treated with Amphotericin 'B'. *E. T. Peer, M.D.* 222

Editorial: The Western World and the World of Peace. *Edwin J. Grace, M.D.* 231

The President's Page 233

Report of 26th Annual Meeting 234

Silver Anniversary Celebrated by Latin American Chapters 237

President's Address 240

Announcements 242

Number 3, September, 1960

Mediastinal Tumors and Cysts in the Adult. *Minas Joannides, Jr., M.D., and Hiram T. Langston, M.D.* 243

Physiological Research in Chronic Pulmonary Disease: An Evaluation of Alveolar Aeration, Oxygen and Carbon Dioxide Transfer and the Pulmonary Circulation. *Hurley L. Motley, M.D.* 250

A New Method of Controlling Paradoxical Respiration in Single Stage Thoracoplasty. *Buford H. Burch, M.D., and Lawrence M. Shefts, M.D.* 261

Studies on the Effects of Sympathicoamines in Asthma. *Milton M. Mosko, M.D., M. C. Arkin, M.D., B. H. Miller, M.D., and G. L. Snider, M.D.* 264

Effects of Pulmonary Hypertension of the Tracheobronchial Tree. *Jesse E. Edwards, M.D., and Howard B. Burchell, M.D.* 272

Recognition of Early Emphysema by Pulmonary Function Tests. *J. K. Curtis, M.D., H. K. Rasmussen, B.S., H. Bauer, A.B, and E. Cree, M.D.* 285

X-ray Diagnosis of Radiation Injuries of the Lung. *H. Lichtenstein, M.D.* 294

An Analytical Review of Extra-Periosteal Plombage Thoracoplasty. *C. V. Patel, M.D., and A. L. Anand, M.B.* 298

Prolonged Use of Oxytetracycline Hydrochloride with Glucosamine in Twenty-Five Patients for Nonspecific Complications Associated with Pulmonary Tuberculosis. *Henry Bachman, M.D.* 303

SECTION ON CARDIOVASCULAR DISEASES

An Electrocardiographic and Autopsy Study of Coronary Heart Disease in the Navajo. *R. B. Streeper, M.D., R. U. Massey, M.D., G. Liu, M.D., C. H. Dillingham, M.D., and A. Cushing, M.D.* 305

Use of Cardiopulmonary Bypass for the Repair of Atrioseptal Defects and Pulmonary Stenosis. *Alvin A. Bakst, M.D., Philip Crastnopol, M.D., and Irving Kroop, M.D.* 313

Experimental Evaluation of Veno-Arterial Pumping, A Proposed Technique for Circulation Support. *James W. Dow, M.D., James F. Dickson, III, M.D., and Neil A. J. Hamer, M.R.C.P.* 323

Summary of Current Therapy: The Role of Hyperuricemia in Coronary Heart Disease. *Fritz Dreyfuss, M.D.* 332

Electrocardiogram of the Month: Atrial Flutter and Fibrillation with Complete Heart Block. *Halle O. Hall, M.D., and Stephen R. Elek, M.D.* 335
X-ray Film of tthe Month. *Henry K. Taylor, M.D.* 337

CASE REPORT SECTION

Report of a Case of Diffuse Interstitial Pulmonary Fibrosis (Hamman-Rich Syndrome). *Francis J. Curry, M.D., and Colonel James A. Wier, MC* 339
Reticulum Cell Sarcoma of the Thorax in a Two-week-old Infant. *Zafar H. Zaidi, M.B.B.S., and Paul de Bellefeuille, M.D.* 343
Tsutsugamushi Fever Pneumonitis in an American Child in Japan. *Manard E. Pont, M.D., and Thomas O. Miller, M.D.* 347
The President's Page 352
Chapter News 353
Book Review 355
Announcements 356

Number 4, October, 1960

Sterioscopic Study of the Inflated Lung. *William Hentel, M.D., and A. N. Longfield, M.D.* 357
Thoracic Surgery in Mentally Ill Patients. *Otto L. Bettag, M.D., Joseph Lloyd-D'Silva, M.D., and Leonard Krasner, M.D.* 362
A Comparison of Various Segments of the Forced Expirogram with the Maximum Breathing Capacity. *William H. Anderson, M.D.* 370
Aimed Bronchography. *D. Kassay, M.D., M. Erdelyi, M.D., and R. Schuster, M.D.* 382
Comparative Results in the Use of Two Commercial PPD Skin Tests in 569 Admissions. *Benjamin L. Brock, M.D.* 391
Hypertrophic Osteoarthropathy in Association with Pulmonary Metastases from Extrathoracic Malignancies. *Arthur H. Aufses, M.D., and Beatrice H. Aufses* 399
Postoperative Empyema: Etiology, Prevention and Treatment. *O. C. Brantigan, M.D., and C. Y. Hadidian, M.D.* 403
Thioglycollate, Peroxidase, Neutral Red, Serpentine Cord, and Niacin Tests for Group Differentiation of M. Tuberculosis, Anonymous (Atypical) Acid-Fast Bacilli, and Saprophytic Mycobacteria. *Maurice S. Tarashis, Ph.D.* 413
Five-Year Survival after Surgery for Bronchogenic Carcinoma. *Donald B. Effler, M.D., and David Barr, M.D.* 417

SECTION ON CARDIOVASCULAR DISEASES

Effect of Transthoracic Endoscopic Sympathectomy on the Cardiac Neurovegetative Equilibrium and on Angina Pectoris. *W. Raab, M.D., E. Kux, M.D., and H. Marchet, M.D.* 423
Left Atrial Myxoma: Surgical Cure. *David J. Dugan, M.D., and Paul M. Walstad, M.D.* 429
Bilateral Ventricular Hypertrophy Due to Chronic Pulmonary Disease. *Nicholas Michelson, M.D.* 435
Summary of Current Therapy: Angina and the Amine Oxidase Inhibitors. *Seymour L. Cole, M.D.* 447
Electrocardiogram of the Month: Reciprocal Rhythm with an Unusually Long R-R Interval. *Alfred Soffer, M.D.* 451
X-ray Film of the Month. *David Bryk, M.D., Paul S. Friedman, M.D., and Morton Beck, M.D.* 452

CASE REPORT SECTION

North American Blastomycosis of Nasal Sinus. *Alvis E. Greer, M.D.* 454
Cystic Disease of the Lung with Acquired Systemic Pulmonary Shunt. *Benjamin F. Scott, M.D., and Thomas E. Hair, Jr., M.D.* 459
Transition from Tuberculosis to Sarcoidosis. *Raymond Seshul, M.D., and Donald J. Grubb, M.D.* 462
Chapter News 465
Program, Interim Session 467

Number 5, November, 1960

Chronic Pulmonary Tuberculosis in Individuals with Known Previous Primary Tuberculosis. *Edith M. Lincoln, M.D., Lilian A. Gilbert, M.D., and Soledad M. Morales, M.D.* 473
On the Relief of Bronchospasm and the Induction of Alveolar Hyperventilation. *Herman F. Froeb, M.D.* 483
Resection of Descending Thoracic Aorta and Replacement while Maintaining a Continuous Blood Flow. *Philip Y. Attalla, M.D., Cesar Borquez Vial, M.D., and William E. Adams, M.D.* 490
Hiatal Hernias in Children: Special Reference to the Short Esophagus. *Arthur M. Olsen, M.D., Colin B. Holman, M.D., and Lloyd E. Harris, M.D.* 495

Resectional Therapy for Pulmonary Tuberculosis at Sunmount, 1950-1957, 807 Cases. *Victor M. Kimel, M.D.* 507
Spontaneous Pneumothorax. *Major W. J. Vail (C.D., R.C.A.M.C.), A. E. Alway, M.D., and N. J. England, M.D.* 512
Does a Carcinomatous Scalene Node Contraindicate Pulmonary Resection? *L. H. Pinkers, M.D., and G. H. Lawrence, M.D.* 516
Studies in Emphysema. *Milton B. Cole, M.D., Joseph V. Hammel, M.D., Vitus W. Manginelli, M.D., and Alfred H. Lawton, M.D.* 519
Triamcinolone in Asthma and Secondary Bronchospastic Pulmonary Emphysema. *Samuel Waldman, M.D.* 522
Parenchymatous (Bronchopulmonary) Manifestations of Pulmonary Bilharziasis. *Abdel-Aziz Sami, M.D., Taha Gomaa, M.D., and Mohamed El-Alami, D.Ch.T.* 528

SECTION ON CARDIOVASCULAR DISEASES

Open Heart Surgery in 1960—"A Many Splendour'd Thing." *Dryden P. Morse, M.D.* 533
Supraventricular Tachycardia in Acute Myocardial Infarction. *Homobono B. Calleja, M.D., and James J. Conn, M.D.* 550
Summary of Current Therapy: Hypothermia in the Treatment of Cerebral Injury Occurring during Cardiac Arrest. *Maurice M. Hyman, M.D.* 557
Electrocardiogram of the Month: Various Arrythmias Due to Digitalis Intoxication Recorded in the Same Patient in the Course of One Month. *A. Schott, M.D.* 560
X-ray Film of the Month. *C. R. Woolf, M.D., and D. E. Sanders, M.D.* 561

CASE REPORT SECTION

Atrial Flutter with 1:1 A-V Conduction. *Paul L. Rodensky, M.D., and Fred Wasserman, M.D.* 563
Mesothelioma Developing in the Wall of a Pulmonary Cyst. *John Storer, M.D., and Robert Hooper, M.D.* 567
Schistosomal Bronchiectasis. *K. I. Jawahri, M.D., and A. Shamma, M.D.* 569
Recommendations of the Committee on Nonsurgical and Drug Therapy 572
Presentation of the International College Medal 574
Board of Regents Meeting 576
Book Reviews 578

Number 6, December, 1960

Diagnosis of Mediastinal Lymphoma by Thoracotomy. *John T. Goswitz, M.D., and Karl P. Klassen, M.D.* 581
Lung Cancer in Women. *Katharine R. Boucot, M.D., and Helen Percy, M.D.* 587
The Immediate Effectiveness of Isoniazid Chemoprophylaxis as Determined by the Tuberculin Test. *A. W. Dahlstrom, M.D., J. L. Wilson, M.D., and B. Sedlacek, M.D.* 599
Ivalon Sponge Prosthesis with Pulmonary Resections: Over Five Years' Experience. *James E. Dailey, M.D., and James B. Seaman, M.D.* 604
Causes of Death and Pathologic Findings in 304 Cases of Bronchial Asthma. *James W. Messer, M.D., Gustavus A. Peters, M.D., Warren A. Bennett, M.D.* 616
The Upper Lobe Lesion—Old or New, with Reference to a Case of Aspergillosis (Mycetoma). *Beatty H. Ramsay, M.D.* 625
Intrathoracic Manifestations of Malignant Lymphomatous Disease. *Archie H. Carmichael, M.D., Damon D. Blake, M.D., and John H. Felts, M.D.* 630
Hydatid Cyst of the Lung. *Yudhveer Sachdeva, M.S., and J. R. Talwar, M.S.* 638

SECTION ON CARDIOVASCULAR DISEASES

Surgical Anatomy of the Coronary Arteries. *Angelo M. May, M.D.* 645
Physiologic Evaluation of Angina Pectoris. *Norman Brachfeld, M.D., and Richard Gorlin, M.D.* 658
Clinical Experience with Elixophyllin in Dyspnea. *H. I. Sapoznik, M.D.* 666
Summary of Current Therapy: A Comparison of the Effectiveness of Parenteral Digoxin and Lanatoside C. *Albert N. Brest, M.D., Giampiero Bartolucci, M.D., and William Likoff, M.D.* 670
Electrocardiogram of the Month: Varying Paroxysmal Atrial Tachycardia with Block, Atrial Fibrillation, Nodal Rhythm and Changing Atrial Pacemaker. *Leonard S. Gettes, M.D., Arthur M. Levy, M.D., John S. Hanson, M.D., and Burton S. Tabakin, M.D.* 673
X-ray Film of the Month. *Haskell J. Weinstein, M.D., and Fred Marasso, M.D.* 676
Editorial: The Arden House Conference. *Karl H. Pfuetze, M.D.* 678
Report of the Sixth International Congress 681
Book Review. *William B. Bean, M.D.* 687
Author Index, Volume XXXVIII (July-December, 1960) 691
Subject Index, Volume XXXVIII (July-December, 1960) 697